

Title (en)

Method for determining branch distribution of polymer.

Title (de)

Verfahren zur Feststellung des Verzweigungsgrades von Polymeren.

Title (fr)

Méthode pour déterminer le degré de ramification d'un polymère.

Publication

EP 0426396 B1 19940810 (EN)

Application

EP 90311776 A 19901026

Priority

JP 28185289 A 19891031

Abstract (en)

[origin: EP0426396A1] The branch distribution of a crystalline polymer is determined by melting the polymer at a temperature sufficiently higher than the melting point thereof, then cooling the melted polymer to room temperature in such a manner that isothermal crystallization of the polymer is allowed to take place stepwise at intervals of 3 DEG C or higher at least from near the upper limit of the melting point of the polymer, then raising the temperature to melt the crystals and determining the branch distribution from the melt behavior, using a thermal analyzer.

IPC 1-7

G01N 33/44

IPC 8 full level

G01N 25/04 (2006.01); **G01N 33/44** (2006.01); **G01N 25/14** (2006.01); **G01N 30/00** (2006.01)

CPC (source: EP US)

G01N 33/442 (2013.01 - EP US); **G01N 25/147** (2013.01 - EP US); **G01N 2030/008** (2013.01 - EP US)

C-Set (source: EP US)

G01N 2030/008 + **G01N 33/44**

Cited by

KR100384391B1; CN102175685A; CN102156147A; US6136936A; US6664351B1; WO9535333A3

Designated contracting state (EPC)

DE ES FR GB NL SE

DOCDB simple family (publication)

EP 0426396 A1 19910508; **EP 0426396 B1 19940810**; AU 631937 B2 19921210; AU 6487090 A 19910509; CA 2028547 A1 19910501; DE 69011467 D1 19940915; DE 69011467 T2 19941208; JP 2769728 B2 19980625; JP H03144352 A 19910619; US 5354842 A 19941011

DOCDB simple family (application)

EP 90311776 A 19901026; AU 6487090 A 19901022; CA 2028547 A 19901025; DE 69011467 T 19901026; JP 28185289 A 19891031; US 9099893 A 19930713